Minnesota Department of Health

Environmental Laboratory Accreditation Program

Issues accreditation to

State Laboratory ID: 048-999-427

Columbia Analytical Services, Inc.

19408 Park Row

Houston, TX 77084

for fields of testing listed on the laboratory's accompanying Scope of Certification in accordance with the provisions in Minnesota Laws and Rules.

Continued accreditation is contingent upon successful on-going compliance with Minnesota Statutes 144.97 to 144.98, 2003 NELAC Standard and applicable Minnesota Rules 4740.2010 to 4740.2120. The laboratory's Scope of Certification cites the specific programs, methods, analytes and matrices (i.e. fields of testing) for which MDH issues this accreditation.

This certificate is valid proof of accreditation only when associated with its accompanying Scope of Certification.

The Scope of Certification and reports of on-site inspections are on file at the Minnesota Department of Health, 601 Robert Street North, Saint Paul, Minnesota. Customers may verify the laboratory's accreditation status in Minnesota by contacting MN-ELAP at (651) 201-5200.

Effective Date: 12/16/2011

Expires: 12/31/2012

Susan R. Wyatt

Susan R. Wyatt, MN-ELAP Supervisor

Certificate Number: 368421

Environmental Laboratory Certification Program
Scope of Certification
Certified Minnesota Environmental Laboratories

THIS LISTING OF CERTIFIED FIELDS OF TESTING MUST BE ACCOMPANIED BY CERTIFICATE NUMBER: 368421

State Laboratory ID: 048-999-427 EPA Lab Code: TX01411 Expiration Date: 12/31/2012
Issue Date: 12/16/2011

Columbia Analytical Services, Inc.
19408 Park Row
Houston, TX 77084

Resource Conservation Recovery Program

EPA 8290

Preparation Techniques: Extraction, soxhlet; Extraction, continuous liquid-liquid (LLE);

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	SCM	TX	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	SCM	TX	
RCRP	EPA 8290	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	SCM	TX	
RCRP	EPA 8290	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	SCM	TX	
RCRP	EPA 8290	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	SCM	TX	
RCRP	EPA 8290	2,3,4,6,7,8-Hexachlorodibenzofuran	NPW	TX	
RCRP	EPA 8290	2,3,4,6,7,8-Hexachlorodibenzofuran	SCM	TX	
RCRP	EPA 8290	2,3,4,7,8-Pentachlorodibenzofuran	NPW	TX	
RCRP	EPA 8290	2,3,4,7,8-Pentachlorodibenzofuran	SCM	TX	
RCRP	EPA 8290	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	NPW	TX	
RCRP	EPA 8290	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	SCM	TX	
RCRP	EPA 8290	2,3,7,8-Tetrachlorodibenzofuran	SCM	TX	
RCRP	EPA 8290	2,3,7,8-Tetrachlorodibenzofuran	NPW	TX	
RCRP	EPA 8290	Total Hpcdd	NPW	TX	
RCRP	EPA 8290	Total Hpcdd	SCM	TX	
RCRP	EPA 8290	Total Hpcdf	NPW	TX	
RCRP	EPA 8290	Total Hpcdf	SCM	TX	
RCRP	EPA 8290	Total Hxcdd	SCM	TX	
RCRP	EPA 8290	Total Hxcdd	NPW	TX	
RCRP	EPA 8290	Total Hxcdf	NPW	TX	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290	Total Hxcdf	SCM	TX	
RCRP	EPA 8290	Total Pecdd	SCM	TX	
RCRP	EPA 8290	Total Pecdd	NPW	TX	
RCRP	EPA 8290	Total Pecdf	NPW	TX	
RCRP	EPA 8290	Total Pecdf	SCM	TX	
RCRP	EPA 8290	Total TCDD	NPW	TX	
RCRP	EPA 8290	Total TCDD	SCM	TX	
RCRP	EPA 8290	Total TCDF	SCM	TX	
RCRP	EPA 8290	Total TCDF	NPW	TX	

Note: Method beginning with "SM" refer to the approved editions of Standard methods for the Examination of Water and Wastes. Approved methods are listed in the applicable parts of Title 40 of the Code of Federal Regulations (including its subsequent Federal Register updates), MN Statutes and Rules, and state-issued permits.